

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (original) A protective coating comprising a homogeneous mixture of polyurea and microscopic granules thereby providing a property of diffuse reflectivity.

Claim 2. (original) The protective coating in accordance with claim 1 wherein said microscopic granules are added to said homogeneous mixture in a range of inclusion from 0.2 to 0.8 ounces per gallon of said polyurea.

Claim 3. (original) A protective coating in accordance with claim 1 wherein said microscopic granules capable of imparting the property of diffuse reflectivity range in size from 2 to 25 microns.

Claim 4. (original) A protective coating in accordance with claim 2 wherein said microscopic granules capable of imparting the property of diffuse reflectivity range in size from 2 to 25 microns.

Claim 5. (original) A protective coating in accordance with claim 1 wherein said homogeneous mixture further comprises a colored pigment.

Claim 6. (original) A protective coating in accordance with claim 2 wherein said homogeneous mixture further comprises a colored pigment.

Claim 7. (original) A protective coating in accordance with claim 3 wherein said homogeneous mixture further comprises a colored pigment.

Claim 8. (original) A protective coating in accordance with claim 4 wherein said homogeneous mixture further comprises a colored pigment.

Claim 9. (original) A protective coating in accordance with claim 1 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 10. (original) A protective coating in accordance with claim 2 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 11. (original) A protective coating in accordance with claim 3 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 12. (original) A protective coating in accordance with claim 4 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 13. (original) A protective coating in accordance with claim 5 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 14. (original) A protective coating in accordance with claim 6 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 15. (original) A protective coating in accordance with claim 7 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 16. (original) A protective coating in accordance with claim 8 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 17. (original) A protective coating in accordance with claim 9 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 18. (original) A protective coating in accordance with claim 10 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 19. (original) A protective coating in accordance with claim 11 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 20. (original) A protective coating in accordance with claim 12 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 21. (original) A protective coating in accordance with claim 13 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 22. (original) A protective coating in accordance with claim 14 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 23. (original) A protective coating in accordance with claim 15 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 24. (original) A protective coating in accordance with claim 16 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 25. (withdrawn) A process for reducing thermal and radiant energy transmission and absorption of a substrate comprising the steps of:

(a) providing a homogeneous mixture comprising polyurea and microscopic granules that impart diffuse reflectivity; and

(b) applying the homogeneous mixture of step (a) to an outer surface of said substrate;

wherein upon curing of said homogeneous mixture upon said substrate, thermal and radiant energy transmission and absorption of said substrate is reduced.

Claim 26. (withdrawn) A process for protecting a substrate from thermal and corrosive exposure comprising the steps of:

(a) providing a homogeneous mixture comprising polyurea and microscopic granules that impart diffuse reflectivity; and

(b) applying the homogeneous mixture of step (a) to an outer

surface of said substrate;

wherein upon curing of said homogeneous mixture upon said substrate, said substrate is protected from mechanical, water and corrosive damage, and thermal exposure.

Claim 27. (original) A protective coating comprising a homogeneous mixture of polyurea and borosilicate microspheres.

Claim 28. (original) The protective coating in accordance with claim 27 wherein said borosilicate microspheres are added to said homogeneous mixture in a range of inclusion from 0.2 to 0.8 ounces per gallon of said polyurea.

Claim 29. (original) A protective coating in accordance with claim 27 wherein said borosilicate microspheres range in size from 2 to 25 microns.

Claim 30. (original) A protective coating in accordance with claim 28 wherein said borosilicate microspheres range in size from 2 to 25 microns.

Claim 31. (original) A protective coating in accordance with claim 27 wherein said homogeneous mixture further comprises a colored pigment.

Claim 32. (original) A protective coating in accordance with claim 28 wherein said homogeneous mixture further comprises a colored pigment.

Claim 33. (original) A protective coating in accordance with claim 29 wherein said homogeneous mixture further comprises a colored pigment.

Claim 34. (original) A protective coating in accordance with claim 30 wherein said homogeneous mixture further comprises a colored pigment.

Claim 35. (original) A protective coating in accordance with claim 27 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 36. (original) A protective coating in accordance with claim 28 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 37. (original) A protective coating in accordance with claim 29 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 38. (original) A protective coating in accordance with claim 30 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 39. (original) A protective coating in accordance with claim 31 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 40. (original) A protective coating in accordance with claim 32 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 41. (original) A protective coating in accordance with claim 33 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 42. (original) A protective coating in accordance with claim 34 wherein said homogeneous mixture further comprises a synthetic filler.

Claim 43. (original) A protective coating in accordance with claim 35 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 44. (original) A protective coating in accordance with claim 36 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 45. (original) A protective coating in accordance with claim 37 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 46. (original) A protective coating in accordance with claim 38 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 47. (original) A protective coating in accordance with claim 39 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 48. (original) A protective coating in accordance with claim 40 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 49. (original) A protective coating in accordance with claim 41 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 50. (original) A protective coating in accordance with claim 42 wherein said synthetic filler is sodium magnesium aluminosilicate.

Claim 51. (withdrawn) A process for reducing thermal and radiant energy transmission and absorption of a substrate comprising the steps of:

(a) providing a homogeneous mixture comprising polyurea and borosilicate microspheres; and

(b) applying the homogeneous mixture of step (a) to an outer surface of said substrate;

wherein upon curing of said homogeneous mixture upon said substrate thermal and radiant energy transmission and absorption of said substrate is reduced.

Claim 52. (withdrawn) A process for protecting a substrate from thermal and corrosive exposure comprising the steps of:

(a) providing a homogeneous mixture comprising polyurea and borosilicate microspheres; and

(b) applying the homogeneous mixture of step (a) to an outer surface of said substrate;

wherein upon curing of said homogeneous mixture upon said substrate said substrate is protected from thermal and corrosive exposure.